BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Resetting of Chainlink Fencing implimentaion of rainwater harvesting and implimentaion to park at CQAL park in ward No.8

Job Code:- 008-17-000058

Estimate cost-25.00 Lakhs

Sl. No.	Description of work	Unit	No.	Length	Breadth	Depth	Quantity	Rate in Rs.	Amount in Rs.
				m	m	m			
	Childrens Play Equipments								
1	Providing fabricating and fixing Special Multiplay Systems consists of FRP moulded with Aluminium chequered platforms of size 5x5 ft with 4 support piller made out of 75 mm dia G.I "B"pipes fixed in cement concrete 1:2:4.The patforms are to be covered with pyramid shaped FRP roof. The platform is to be with tubular slide & Mini Aquva tunnel Slide made up of high quality FRP the slide is to fixed at a height of 11ft and runs for a length of not less than twenty ft and the slide should be supported at regular intervals of 6ft using M.S pipes support and the platform ladder with 25mm dia MS pipes with suitable hand rails and steps made out of G I sheet with tred 4" with powder coated finish,fine quality FRP with suitable design and as per drawing Moulded FRP slides are non-corrossive ,fade free,tough grade,durable hard and should prevent uv light.The work should be executed as per the standard specifications and directions of the engineer in charge with all lead and lift,loading and unloading and any incidental charge required for it								
	9th main Road Park	Each	1				1.00	560000.00	**560000.00**
2	Providing,fabricating and fixing of spiral climber of height not less than 10ft made out of 25mm dia MS pipe with Aluminium chequered plate platform of size 3x3 ft with 4 legs made out of 75mm dia G.I pipe fixed cement concrete 1:2:4. The platforms are to be covered with pyramid shaped FRP roof .The platform is to be fitted with single lane slide made up of high quality FRP the slide is fixed at a height of 9 ft and runs for a length of not less than 20ft the slide should be supported at regular interval of 4 ft using M.S pipes support powder coated,fine quality FRP with suitable design and as per drawing platforms should be placed at approximately 9 ft from ground level. Moulded FRP slides are non-corrossive,fade free,tough grade,durable hard and should prevent UV light. The work should be executed as per the standard specification and directions of the engineer in charge of the all lead and lift, loading and un loading and any incidental charges required for the successful completion of the work (ALL FRP items are gel water finish or stoving paint in ovens)								
	9th main Road Park	Each	1				1.00	160000.00	**160000.00**
3	Providing,fabricating and fixing play eqipments consisting of the platform with 65mm dia MS pipe &Aluminium chequered plates of size 3x3 ft fixed at 7 ft height from ground level with 4 legs made out of 75mm dia G.I pipes fixed cement concrete 1:2:4 The platforms are to be covered with pyramid shaped FRP roof,the slide should be supported at regular intervals of 4ft using M.S pipes support powder coated, fine quality FRP with suitable design and as per drawing. The play equipment is to be fitted with Double seated swing for kids and Aqua bowl slide made up of high quality FRPthe slide is to fixed at a height of 7 ft and runs for length of not less than 12ft .Moulded FRP slides are non-corrossive,fade free,tough grade,durable hard and should prevent UV light .The work should be executed as per the standard specifications and directions of the engineer in charge of the with all lead and lift, loading and unloading and any incidental charges required for the successsful completion of the work (All FRP items are gel water finish or stoving paint in ovens)								
	9th main Road Park	Each	1				1.00	200000.00	**200000.00**
4	Providing fabricating and fixing Special play equipments consisting of the plat form with 65mm dia MS pipe and Aluminium chequered plates of size 3x3 ft fixed at 5 ft heiht from ground level with 4 legs made out of 65mm dia G.I "B" class pipe fixed cement concrete 1:2:4 The plat forms are to be covered with pyramid shape FRP roof. The platforms is to be fixed with MOnkey Climber for kids and Roller Slide(Moulded plastic rollers)fixed at a height of 5 ft and runs for a length of not less than 12 ft the slide should be supported at regular intervals of 6ft using MS pipes support powder coated fine quality FRP with suitable design as per drawing Mould FRP slides are non-Corrossive fade free , tough grade,durable hard and should prevent UV light .The work should be executed as per the standard specifications and directions of the engineer in charge of the with all lead and lift, loading and unloading and any incidental charges required for the successsful completion of the work (All FRP items are gel water finish or stoving paint in ovens)								
	9th main Road Park	Each	1				1.00	160000.00	**160000.00**

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
5	Providing fabricating and fixing Children play equipments consisting of the plat form with 65mm dia MS pipe and Aluminium chequered plates of size 3x3 ft and 3 ft height from ground level with 4 legs made out of 75mm dia G.I pipe fixed cement concrete 1:2:4 The plat forms are to be covered with pyramid shape FRP roof. fine quality FRP with suitable design and as per drawing .The platforms is to be fitted with Doubble twin wave slide for kids made up of high quality FRP material and also high qualty plastic rope climber is to fixed at a height of 3 ft and runs for a length of not less than 5 ft moulded FRP slides are non corrossive, non-Corrossive fade free ,tough grade,durable hard and should prevent UV light. Thework should be executed as per standerd specification and directions of the engineer in charge of the with all lead and lift, loading and unloading and any incidental charges required for the successsful completion of the work (All FRP items are gel water finish or stoving paint in ovens)								
	9th main Road Park	Nos	1				1.00	125000.00	125000.00
6	Providing fabricating and fixing Multiplay Special slider systems consisting of the plat form with 25mm dia MS pipe and Aluminium chequered plates of size 3x3 ft fitted at 7 ft height from ground level with 4 legs made out of 65mm dia G.I pipes fixed cement concrete 1:2:4. The plat forms is to be fitted with FRP wave slide spiral slide and standard slide with vertical ladder on one side each with GI sheet steps of treads 4" 25mm dia MS pipes with suitable Hand rails fixed at a height of 5 ft and runs for a length of not less than 12 ft the platforms are to be coverd with ryramid Shape FRP roof this slide should be supported at regular intervals of 4 ft using MS pipes support powder coated fine quality FRP with suitable design and as per drawing Moulded FRP slides are non-Corrossive fade free ,tough grade ,durable hard and should prevent uv light.The work should be executed as per the standard specifications and directions of the engineer in charge with all lead and lift,loading and unloading and any incidental charges required for the successful competion of the work								
	9th main Road Park	Unit	1				1.00	480000.00	480000.00
7	Providing and fixing childern play bridge with MS perforated tunnel and wave bridge and Arch bridge and hanging bridge made out of MS pipe and chequred plates uns for a height 11 ft to 5 ft the work should be executed as per the standard specification and direction of the engineer in charge of the with all lead and lift ,loading and unloading and any incidenteial charges required for the successful competion of work (all swings chains are rubber coated &all 'S' hooks are stainless steel)								
	9th main Road Park	Each	1				1.00	100000.00	100000.00
8	Providing Rainwater harvesting pits for Parks								
	Rain water harvesting Pit	No's	1	4.00	--	--	4.00		
							4.00	21000.00	84000.00
								Total Construction Cost	1869000.00
								4% KRDIL Charges	74760.00
								12% GST to Construction Cost	224280.00
9								**Electrification work in Park**	330000.00
								Sub Total	2498040.00
###								**Miscellaneous and rounding off**	1960.00
								Total	2500000.00
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Certificate.

1 The rates adopted based on the, BWSSB SR 2017-18, PRED SR 2012-13, RWS SR 2012-13, KPWD Electrical SR 14-15, PWD SR, Bangalore circle for year 2018-19.
2 The provisions made in the estimate are necessary and essential.
3 The workspot was inspected and work is found to be necessary.
4 The area comes within the Bruhat Bangalore Mahanagara Palike limits.

Assistant Engineer

Executive Engineer

Assistant Executive Engineer

Administrative Approval
Accorded For RS 25. w.e.f. chemly
Head of Acc P2178
CER NO 119/18-19 Dt 08.01.2019

IA CE (YNK)

Technical Sanction
Accorded For RS 25. w.e.f. chemly
P2178
CER NO 205/18-19 Dt 08.01.2019

IA CE (YNK)

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